

# PRODUCT DATASHEET

## SMART+ BT Solar Spot Light RGB + TW

Smart+ Solar Spot Multicolor | Outdoor Smart Solar Spot & Bollard



### Areas of application

- Outdoor use (IP44)
- Gardens
- Patios, balconies

### Product benefits

- Easy and quick installation
- Colorful garden lighting with smart and intelligent control options
- Demand based lighting and energy saving thanks to daylight sensor
- High-quality materials
- Flexible mounting, also without use of ground spikes

### Product features

- Solar powered outdoor LED luminaire
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Battery charging via solar panel
- Network protocol: Bluetooth
- Type of protection: IP44
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



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## TECHNICAL DATA

### Electrical data

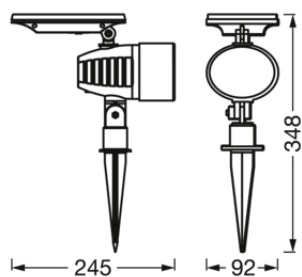
Nominal wattage	0.60 W
Nominal voltage	3,7 V
Nominal current	160.000 mA
Power factor $\lambda$	> 0.5
Protection class	III

### Photometrical data

Luminous flux	45 lm
Total luminous flux of contained light sources	60 lm
Luminous efficacy	75 lm/W
Color temperature	3000...6500 K
Light color (designation)	Tunable White / RGB
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcn
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	58.00 °

### Dimensions & Weight

Length	92.00 mm
Width	245.00 mm
Height	348.00 mm
Product weight	438.00 g



SMART OUTD BT SOLAR SPOT  
RGBTW

Materials & Colors

Product color	Black
Housing color	Black
Body material	Acrylonitrile butadiene styrene (ABS)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of protection	IP44
Dimmable	Yes
Type of dimming	Bluetooth
Mounting type	Ground spike
Application environment	Outdoor
Adjustable	Yes
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	1000

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	18650
Number of included batteries	1

Nominal voltage of battery	3.7 V
Nominal capacity of battery	1500 mAh
Battery charging time	8 h

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable





Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
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Safety advice

- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART+ SOLAR SPOT LIGHT
	Legal information	Legal insert SMART OUTD ENDURA SOLAR WORKLIGHT BAT
	Declarations of conformity	SMART OUTD BT SOLAR RGBTW
	Declarations of conformity UKCA	SMART OUTD BT SOLAR

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075763883	Folding box 1	102 mm x 187 mm x 204 mm	564.00 g	3.89 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075763890	Shipping box 4	390 mm x 215 mm x 230 mm	2685.00 g	19.29 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### References / Links

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.